Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Tuesday 30 Jan 2024 until 23:59 on Wednesday 31 Jan 2024

Forecast Issued on Monday 29 Jan 2024 at 11:59 by Met Office Aberdeen

Confidence: High, falling low for details from Friday

Headline for Tuesday 30 Jan 2024: Mainly dry with sunny intervals, small risk of a light snow shower. Strengthening winds and a high wind chill.

Mountain weather hazards on Tuesday 30 Jan 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny intervals	Sunny intervals	Cloudy	Dull
Precipitation probability							
00%	00%	<05%	10%	10%	10%	10%	10%

Forecast for Tuesday 30 Jan 2024

Weather: Clear skies overnight leading to a frosty start to the day, perhaps the odd patch of freezing fog in the glens. Most ranges will then have a dry day with broken cloud and some sunny spells. There is the slight chance of the odd light shower in the afternoon and evening, more especially over the Monadliaths and Creag Meagaidh which would be of snow above 750m.

Chance of cloud-free hill tops above 800m: 90% falling 70%

Low cloud and visibility: Little cloud at first then patchy cloud at 900-1100m developing in the afternoon and evening. Visibility mainly good away from cloud, with only brief reductions in light showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 30 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	9/12 N	9/11 NW	14/17 W	21/28 W	26/36 SW	29/40 SW	33/47 SW	40/56 SW	45/63 SW
900	5/6 SW	5/6 SW	9/11 SW	16/20 SW	23/30 SW	25/33 SW	29/39 SW	32/44 SW	42/57 SW
600	3/4 W	3/5 W	5/7 W	8/12 SW	15/23 SW	17/25 SW	19/29 SW	19/30 SW	27/43 SW
300	2/4 SW	3/6 SW	4/8 SW	4/11 SW	6/17 SW	8/22 SW	10/25 SW	11/27 SW	17/37 SW
Glen	2/4 SW	2/5 SW	3/8 SW	4/14 SW	6/19 SW	4/20 SW	5/22 SW	5/24 SW	7/29 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-8/-14	-8/-14	-7/-13	-6/-13	-4/-12	-4/-12	-4/-13	-4/-14	-4/-15
900	-3/-6	-3/-6	-3/-8	-2/-8	-1/-8	-1/-8	-1/-9	-1/-9	-1/-10
600	-1/-3	-1/-3	-2/-4	-1/-4	2/-3	2/-3	2/-4	1/-4	1/-6
300	-2/-4	-2/-4	-2/-4	-1/-4	3/0	3/0	3/-1	3/-1	4/-1
Glen	-4/-5	-3/-5	-2/-3	-1/-3	4/0	4/2	3/0	4/0	4/-0
Freezing Level*	300m	200m	100m	200m	600m	800m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Note the increasing summit winds and wind chill later

Forecast for Wednesday 31 Jan 2024

Weather: Cloudy. Occasional light rain in early hours with snow above 800m this turning heavier and more persistent after dawn. Blizzards on the summits, though it may turn to rain or sleet up to 1200m for a short time before reverting to snow down to 600m. Then clearing to showers during the early to mid afternoon these showers turning to snow down to 400m by evening.

Maximum wind: A very stormy day with southwesterly winds 70-80mph gusts 100mph or more on exposed ridges, summits and extending down some leeward slopes, and gales or severe gales to low levels. Winds swinging westerly easing 40 gusts 60mph during the afternoon.

Chance of cloud-free hill tops above 800m: 10% improving 70% later in day.

Low cloud and visibility: Extensive cloud 700-900m, perhaps the odd lower patch for a short time then breaking and lifting to 900m later in day dipping 750m in showers. Visibility away from cloud, moderate to poor in rain and very poor in snow and summit blizzards, becoming mainly good later away from any showers.

Temperature: **Glens:** Plus 5 Celsius peaking at 8 around midday morning falling to Plus 4 later.
At 800m: Minus 1 Celsius rising to Plus 3 for a short time then dipping to Minus 3 in the evening.
Freezing level: 700m rising 1200m briefly around midday then back down to 600m in the afternoon.

Saturday	Cloudy with occasional rain, turning colder with showers turning to snow later but low confidence on timing. Continuing gales.

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